**APLMF Working Group on Weighing Instruments**

​**Terms of Reference**

**BACKGROUND**
At the 25th Forum meeting in Christchurch, New Zealand, Forum members endorsed setting up of a Working Group on NAWI. In May 2021, its name has been changed to Working Group on Weighing Instruments. The purposes of this working group are:

1. To eliminate inconsistencies in the implementation of test procedures;
2. To reduce the amount of time consumed for costly training;
3. To avoid a different interpretation of test procedures by the member economies and the trainer(s) ;
4. To reduce the difficulties explaining complex test procedures; and
5. To respond the needs for retaining trainees’ knowledge and to get suggestions or follow ups from the trainer(s) after training.

The Working Group aims to identify the best usage of weighing instruments, and to harmonize the requirements for the instruments in the Asia-Pacific region.

**SCOPE**
The Working Group on Weighing Instruments will cover all of weighing instruments including Non-Automatic Weighing Instruments (NAWI) and Automatic Weighing Instruments (AWI).

**OBJECTIVES**

1. To contribute to harmonization and standardization of international test procedures based on OIML Recommendations across the Asia Pacific region;
2. To enhance the consistency of training by providing information and advice from the qualified experts;
3. To improve the technical knowledge and capability of new and experienced legal metrology officers;
4. To use simple English to effectively explain the common test procedures;
5. To achieve a greater degree of coverage for the target audience using  the same set of training materials with consistent contents;
6. To develop eLearning modules to save time and expenses by eliminating the travel for classroom- based training; and
7. To increase the number of people who can access online trainings at a low cost.

**TARGET OUTCOMES**

1. ​Development and establishment of eLearning materials for spring scale and weighbridges (NAWI);
2. Development and establishment of procedures for AWI.
3. Harmonisation of test method and test procedure with OIML Recommendations, and APLMF Guides;
4. Enhance knowledge and capabilities in eLearning modules among the member economies and legal metrology practitioners; and
5. Establish experts who will be leaders for implementing successful metrological control system for regulated weighing instruments.

**Membership**

See contact details on the WG page - https://www.aplmf.org/nawi.html.
**CHAIR**:- **Ms Suliana GHAZALLI, National Metrology Institute of  Malaysia**Mr Abdul Hafiz Azizan, National Metrology Institute of Malaysia
Mr Kiveen P. SUYCANO, National Metrology Laboratory of the Philippines
Mr Sudchai SRIKHAJORNDET, Bureau of Weights and Measures (BWM) Thailand
Mr Julian CRANE, Trading Standards, MBIE, New Zealand

**Current Work Programme**

as agreed at 27th APLMF Meeting in December 2020.

* Develop eLearning modules for spring balances and launch them in November 2021
* Start to plan eLearning modules for weighbridges